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By Michelle Chan
Michelle Chan

#3
PATENT
100/00343

10/10/01
JC872 U.S. PTO
09/975133

10/10/01
A.J.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

J. WALLACE PARCE et al.

Application No.: To be Assigned

Filed: Herewith

For: HIGH THROUGHPUT SCREENING
ASSAY SYSTEMS IN MICROSCALE
FLUIDIC DEVICES

Examiner: Unknown

Art Unit: Unknown

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR § 1.97
AND 1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The references cited on the attached form PTO-1449 are being called to the attention of the Examiner. This application is a continuation of U.S.S.N. 09/346,660, filed July 1, 1999, which is a continuation of U.S.S.N. 08/671,987, filed June 28, 1996. All references cited in the attached form 1449 have been previously cited in these applications. Copies of documents are therefore not being provided pursuant to 37 CFR §1.98(d). If copies of the references are not available to the Examiner, the Examiner is invited to contact the undersigned.

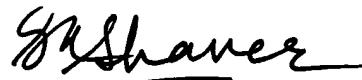
J. WALLACE PARCE
Serial No. To be Assigned
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It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is made that a search has been conducted or that this statement encompasses all possible relevant information.

Applicants believe that no fee is required for submission of this statement, since it is being submitted within three months of the filing date or prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to charge such fee to Deposit Account No. 03-0177. Please charge any additional fees or credit any overpayment to the above-noted deposit account.

Respectfully submitted,



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Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known		
		Application Number		
		Filing Date	Herewith	
		First Named Inventor	J. Wallace Parce	
		Group Art Unit		
		Examiner Name		
		Attorney Docket Number	100/00342	

U.S. PRO
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U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
	AA	3,918,908		Moyer et al.	11-11-1975
	AB	4,390,403		Batchelder	06-28-1983
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	BA	5,278,048		Parce et al.	01-11-1994
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	BC	5,296,375		Kricka et al.	03-22-1994	
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		Office	Number	Kind Code (if known)				
DO	UK	2 248 891				04-22-1992		
DP	EP	568 902				11-10-1993		
DQ	EP	637 998				07-31-1996		
DR	EP	639 223				07-03-1996		
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DT	WO	9512608				05-11-1995		
DU	WO	9527210				10-12-1995		
DV	WO	9527211				10-12-1995		
DW	WO	9533846				12-14-1995		
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DY	WO	9614933				05-23-1996		
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ED	WO	9800231		Caliper		01-08-1998		
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EG	WO	9800707		Caliper		01-08-1998		
EH	WO	9802728		Caliper		01-22-1998		

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	EI	WO	9805424		Caliper	02-12-1998		
	EJ	WO	9805959		Caliper	02-12-1998		
	EK	WO	9822811		Caliper	05-28-1998		
	EL	WO	9845481		Caliper	10-15-1998		
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	ES	WO	9910735		Caliper	03-04-1999		
	ET	WO	9912016		Caliper	03-11-1999		
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	EW	WO	9919516		Caliper	04-22-1999		
	EX	WO	9929497		Caliper	06-17-1999		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	EY	BAO, J. et al., "Ultramicro enzyme assays in a capillary electrophoretic system," <u>J. Chrom.</u> 608:217-224 (1992)		
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	FA	CHO et al., "An Unnatural Biopolymer," <u>Science</u> 261:1303-1305 (1993)		
	FB	CHU, Y-H. et al., "Affinity Capillary Electrophoresis - Mass Spectrometry for Screening Combinatorial Libraries," <u>J. Am. Chem. Soc.</u> 118:7827-7835 (1996)		
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	FD	DASGUPTA, P.K. et al., "Electroosmosis: A Reliable Fluid Propulsion System for Flow Injection Analysis," <u>Anal. Chem.</u> 66:1792-1798 (1994)		

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	FE	EFFENHAUSER, C.S. et al., "Glass chips for high-speed capillary electrophoresis separations with submicrometer plate heights," <u>Anal. Chem.</u> 65:2637-2642 (1993)	
	FF	EFFENHAUSER, C.S. et al., "High-speed separation of antisense oligonucleotides on a micromachined capillary electrophoresis device," <u>Anal. Chem.</u> 66:2949-2953 (1994)	
	FG	HARMON, B.J. et al., "Mathematical Treatment of Electrophoretically Mediated Microanalysis," <u>Anal. Chem.</u> 65:2655-2662 (1993)	
	FH	HARMON, B.J. et al., "Selectivity in Electrophoretically Mediated Microanalysis by Control of Product Detection Time," <u>Anal. Chem.</u> 66:3797-3805 (1994)	
	FI	HARRISON, D.J. et al., "Capillary Electrophoresis and Sample Injection Systems Integrated on a Planar Glass Chip," <u>Anal. Chem.</u> 64:1926-1932 (1992)	
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	FK	JACOBSON, S.C. et al., "Effects of Injection Schemes and Column Geometry on the Performance of Microchip Electrophoresis Devices," <u>Anal. Chem.</u> 66(7):1107-1113 (1994)	
	FL	JACOBSON, S.C. et al., "High-Speed Separations on a Microchip," <u>Anal. Chem.</u> 66(7):1114-1118 (1994)	
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	FP	JUNG et al., "Multiple Peptide Synthesis Methods and Their Applications," <u>Angew. Chem. Int. Ed. Engl.</u> 31(4):367-383 (1992)	
	FQ	KIKUCHI, Y. et al., "Optically Accessible Microchannels Formed in a Single-Crystal Silicon Substrate for Studies of Blood Rheology," <u>Microvascular Research</u> 44:226-240 (1992)	
	FR	KOUTNY, L.B. et al., "Microchip Electrophoretic Immunoassay for Serum Cortisol," <u>Anal. Chem.</u> 68:18-22 (1996)	
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	FU	MANZ, A. et al., "Miniaturized Total Chemical Analysis Systems: a novel concept for Chemical Sensing," <u>Sensors and Actuators B</u> 1:244-248 (1990)	

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	FV	MANZ, A. et al., "Micromachining of monocrystalline silicon and glass for chemical analysis systems," <u>Trends in Anal. Chem.</u> 10(5):144-149 (1991)	
	FW	MANZ, A. et al., "Planar chip technology for miniaturization and integration of separation techniques into monitoring systems," <u>J. Chrom.</u> 593:253-258 (1992)	
	FX	MANZ, A. et al., "Electroosmotic pumping and electrophoretic separations for miniaturized chemical analysis systems," <u>J. Micromech. Microeng.</u> 4:257-265 (1994)	
	FY	PAVIA et al., "The Generation of Molecular Diversity," <u>Bioorg. Med. Chem. Lett.</u> 3(3):387-396 (1993)	
	FZ	RAMSEY, J.M. et al., "Microfabricated chemical measurement systems," <u>Nature Med.</u> 1:1093-1096 (1995)	
	GA	SCHMALZING, D. et al., "Solution-Phase Immunoassay for Determination of Cortisol in Serum by Capillary Electrophoresis," <u>Clin. Chem.</u> 41(9):1403-1406 (1995)	
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	GD	SIMON et al., "Peptoids: A modular approach to drug discovery," <u>PNAS</u> 89:9367-9371 (1992)	
	GE	SONG, M.I. et al., "Multisample Analysis Using an Array of Microreactors for an Alternating-Current Field-Enhanced Latex Immunoassay," <u>Anal. Chem.</u> 66(6):778-781 (1994)	
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